

5,5-Bis[(²H₃)methyl]-3-[4-nitro-3-(trifluoromethyl)phenyl]imidazolidine-2,4-dione
1189477-66-4 | DTXSID60676068

Model Performance

Model

Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.89	0.25	0.88	0.26	0.75	0.38

Model Results

Predicted value: 3.54 days

Global applicability domain: Outside

Local applicability domain index: 2.80e-01

Confidence level: 9.31e-01

Nearest Neighbors from the Training Set

Image not found

1-Methyl-2-propylbenzene

Measured: 12.5

Predicted: 3.17

Image not found

3-Ethyltoluene

Measured: 12.5

Predicted: 3.26

Image not found

Propylbenzene

Measured: 24.3

Predicted: 4.02

Image not found

1,3-Dimethyl-4-ethylbenzene

Measured: 24.3

Predicted: 3.89

Image not found

1-Ethyl-2-methylbenzene

Measured: 24.3

Predicted: 3.88